## STATEMENT O THE CLAIMS

## 1. to 6. canceled

7. (previously presented) A method of preparing a high-refractive-index optical silicone oil having a refractive index of from 1.45 to 1.50 at 25 °C, comprising reacting a  $C_8$  to  $C_{12}$  arylcontaining olefin with a pentasiloxane having the formula:

## HMe<sub>2</sub>SiO(Me<sub>2</sub>SiO)<sub>3</sub>SiMe<sub>2</sub>H

in the presence of a supported platinum catalyst, wherein the pentasiloxane is prepared by a nonequilibration reaction between hexamethylcyclotrisiloxane and 1,1,3,3-tetramethyldisiloxane in the presence of an acid catalyst.

- 8. (original) The method according to claim 7, wherein the acid catalyst is hydrochloric acid or trifluoromethanesulfonic acid.
- 9. (original) The method according to claim 7, wherein the mole ratio of 1,1,3,3-tetramethyldisiloxane to hexamethylcyclotrisiloxane is from 0.7:1 to 10:1.
- 10. (original) A method of preparing a high-refractive-index optical silicone oil mixture having a refractive index of from 1.45 to 1.50 at 25 °C, comprising reacting a C<sub>8</sub> to C<sub>12</sub> aryl-containing olefin with a mixture comprising a pentasiloxane having the formula:

HMe2SiO(Me2SiO)3SiMe2H

and a disiloxane having the formula:

## HMe2SiOSiMe2H

in the presence of a supported platinum catalyst.

wherein the pentasiloxane is prepared by a nonequilibration reaction between hexamethylcyclotrisiloxane and 1,1,3,3-tetramethyldisiloxane in the presence of an acid catalyst.

- 11. (original) The method according to claim 10, wherein the acid catalyst is hydrochloric acid or trifluoromethanesulfonic acid.
- 12. (original) The method according to claim 10, wherein the mole ratio of 1,1,3,3-tetramethyldisiloxane to hexamethylcyclotrisiloxane is from 0.7:1 to 10:1.
- 13. (previously presented) The method according to claim 7, wherein the aryl-containing olefin is styrene or  $\alpha$ -methylstyrene.